

IN THE CLAIMS:

1-30. (Canceled)

31. (New) A tool assembly unit for coupling a tool and a tool holder by heat shrinking, said unit comprising:

a measuring device for establishing a desired position of the tool with respect to the tool holder;

an alignment device adjacent to said measuring device and defining an aperture for receiving the tool holder, said alignment device including a moveable rod for engaging the tool when the tool is positioned within the tool holder and the tool holder is secured within said aperture;

a heating device including a slide tower adjacent to said aperture and a heater slidably supported by said slide tower for heating the tool holder when the tool holder is secured in said aperture to facilitate coupling of the tool with the tool holder; and

an adjustment device for moving said moveable rod relative to said aperture to move the tool with respect to the tool holder to the desired position after said heating device has heated the tool holder and without requiring removal of the tool holder from said aperture such that the tool holder remains secure in said aperture between heating the tool holder and moving said moveable rod.

32. (New) A tool assembly unit as set forth in claim 31 wherein said measuring device includes a vertical tower and an optical viewer slidably supported by said vertical tower for establishing the desired position of the tool with respect to the tool holder.

33. (New) A tool assembly unit as set forth in claim 32 wherein said heater and said optical viewer slide vertically along said towers relative to said aperture and above said aperture.

34. (New) A tool assembly unit for coupling a tool and a tool holder by heat shrinking, said unit comprising:

a work table;

a measuring device including a vertical tower supported by said work table and an optical viewer slidably supported by said vertical tower for establishing a desired position of the tool with respect to the tool holder;

an alignment device supported by said work table and defining an aperture for receiving the tool holder, said alignment device including a moveable rod for engaging the tool when the tool is positioned within the tool holder and the tool holder is secured within said aperture;

a heating device including a slide tower supported by said work table adjacent to said aperture and a heater slidably supported by said slide tower for heating the tool holder when the tool holder is secured in said aperture to facilitate coupling of the tool with the tool holder;

an adjustment device for moving said moveable rod relative to the tool holder to move the tool with respect to the tool holder to the desired position after said heating device has heated the tool holder and without requiring removal of the tool holder from said aperture such that the tool holder remains secure in said aperture between heating the tool holder and moving said moveable rod; and

wherein said optical viewer slides vertically along said vertical tower relative to said work table and above said aperture to establish the desired position and said heater slides vertically along said slide tower relative to said work table and above said aperture to heat the tool holder.